Product Comparison Guide

Sales Support

TORSHEAR EmS

	Model	GDSRSA	VJT5600A	27-WF220E02
General	Fully automatic	YES	NO	YES
	Stand Alone	YES	YES	YES
	Electro-mech – Pneumatic	Electro-mechanical	Manual	Electro-mechanical
	Built – in datalogger	YES	YES	YES
	Touch screen	NO	NO	YES
Vertical load	Vertical load cell	5 kN (included)	-	5 kN (included)
	Resolution [N]	1	-	0.1
	Max vertical stress [kPa]	1200	1000	1200
Torsional load	Torsional force	Torque device (200Nm)*	n°2 – 1 kN (not included)	N°2 – 1 kN (included)
	Max torsional stress [kPa]	1100	1000	1000
	Speed [°/min]	0.01 – 135.00	0.0001 – 900	0.00001 to 1000
	Resolution [°]	0.01	0.0001	0.00001
Ring shear box	Sample dimension [mm]	Internal: 70 External: 100 Thikness: 5	Internal: 70 External: 100 Thikness: 5	Internal: 70 External: 100 Thikness: 5
	Material	Inox	?	Inox
	Porous stone	Sintered	?	Sintered
PC connectivity	Port	USB	USB	LAN
	Managing software	YES ? (optional)	YES ? (optional)	YES, future upgrade Up to 6 machine
	Data Processing	Included in the software	Included in the software	Template (add. Accessories)

* Not easy to re-calibrate compared to external load cell